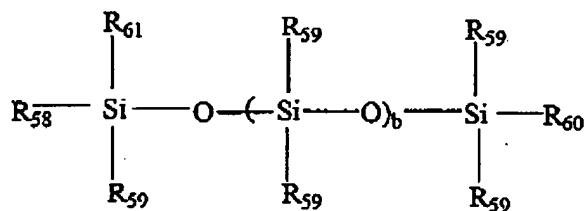


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**WHAT IS CLAIMED IS:**

1. (Currently amended). A method of lowering the Young's modulus of a silicone hydrogel to between about 20 and about 180 psi or tan δ of a silicone hydrogel to less than about 0.1 to no more than about 0.3, measured at a frequency of 1 Hz and a temperature of 25°C. said method comprising the step of incorporating in said hydrogel, a mono-alkyl terminated polydimethylsiloxane polydiorganosiloxane monomer having the structure:



where  $b = 0$  to  $100$ ;  $\text{R}_{58}$  is a monovalent group containing at least one ethylenically unsaturated moiety;  $\text{R}_{59}$  is independently a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether group;  $\text{R}_{60}$  is a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether groups; and  $\text{R}_{61}$  is independently alkyl or aromatic, or a monovalent siloxane chain comprising from 1 to 100 repeating  $\text{Si}-\text{O}$  units.

2. (original). The method of claim 1, wherein  $b$  is about 4 to about 16,  $\text{R}_{58}$  is a monovalent group containing at least one styryl, vinyl, or methacrylate moiety,  $\text{R}_{59}$  is methyl,  $\text{R}_{60}$  is  $\text{C}_{3-8}$  alkyl group, and  $\text{R}_{61}$  is methyl.
3. (original). The method of claim 1, wherein  $b$  is about 8 to about 10,  $\text{R}_{58}$  is a monovalent group containing at least one styryl, vinyl, or methacrylate moiety,  $\text{R}_{59}$  is methyl,  $\text{R}_{60}$  is  $\text{C}_{3-8}$  alkyl group, and  $\text{R}_{61}$  is methyl.

4. (original). The method of claim 1, wherein b is about 4 to about 16, R<sub>58</sub> is a methacrylate moiety; each R<sub>59</sub> is methyl; and R<sub>60</sub> is a butyl group.

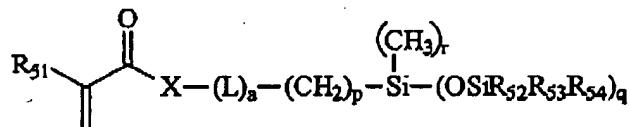
5. (original). The method of claim 1, wherein b is about 8 to about 10, R<sub>58</sub> is a methacrylate moiety; each R<sub>59</sub> is methyl, R<sub>60</sub> is a butyl group, and R<sub>61</sub> is methyl.

6. (Currently amended). The method of claim 1, wherein about 2 to about 70 % wt, based on the total weight of reactive monomer components from which the silicone hydrogel is made, of the mono-alkyl terminated polydimethylsiloxane polydiorganosiloxane is incorporated in said silicone hydrogel.

7. (Currently amended). The method of claim 1, wherein about 4 to about 50 % wt, based on the total weight of reactive monomer components from which the silicone hydrogel is made, of the mono-alkyl terminated polydimethylsiloxane polydiorganosiloxane is incorporated in said silicone hydrogel.

8. (Currently amended). The method of claim 1, wherein about 8 to about 40 % wt, based on the total weight of reactive monomer components from which the silicone hydrogel is made, of the mono-alkyl terminated polydimethylsiloxane polydiorganosiloxane is incorporated in said silicone hydrogel.

9. (original). The method of claim 1, wherein said silicone hydrogel additionally comprises a silicone-containing monomer other than that of claim 1 and having the structure:



wherein R<sub>51</sub> is H, C<sub>1-5</sub>alkyl, or an ethylenically unsaturated moiety, q is 1, 2, or 3 and for each q, R<sub>52</sub>, R<sub>53</sub> and R<sub>54</sub> is independently an alkyl group, an aromatic group or a monovalent

siloxane chain comprising from 1 to 100 repeating Si-O units, p is 1 to 10, r = (3-q), X is O or NR<sub>55</sub>, where R<sub>55</sub> is H or a monovalent alkyl group with 1 to 4 carbons, a is 0 or 1, and L is a divalent linking group.

10. (original). The method of claim 1, wherein said silicone hydrogel additionally comprises 3-methacryloxypropyltris(trimethylsiloxy) silane.

11. (original). The method of claim 9, wherein each of R<sub>52</sub>, R<sub>53</sub>, and R<sub>54</sub> is independently ethyl, methyl, benzyl or phenyl.

12. (Previously presented). The method of claim 1 wherein said silicone hydrogel has a Young's modulus of less than about 154 psi and a tan δ of equal to or less than about 0.3 at a frequency of 1 Hz at 25°C.

13. (Previously presented). The method of claim 12, wherein the Young's modulus is less than about 130 psi.

14. (Previously presented). The method of claim 12, wherein the Young's modulus is less than about 100 psi.

15. (Previously presented). The method of claim 12, wherein the Young's modulus is less than about 70 psi.

16. (Previously presented). The method of claim 12, wherein the Young's modulus is less than about 45 psi.

17. (Previously presented). The method of claim 12, further comprising an O<sub>2</sub> Dk greater than about 40 barrer.

18. (Currently amended). The method of claim 12, 13, or 17, further comprising about 2-70 % wt, based on the total weight of reactive monomer components from which the

silicone hydrogel is made, of said mono-alkyl terminated polydimethylsiloxane polydiorganosiloxane.

19. (Previously presented). The method of claim 18, wherein  $b = 4$  to  $16$ ,  $R_{58}$  is a monovalent group containing at least one styryl, vinyl, or methacrylate moiety, each  $R_{59}$  is methyl,  $R_{60}$  is a  $C_{3-8}$  alkyl group, and  $R_{61}$  is methyl.

20. (Previously presented). The method of claim 18, wherein  $b = 8$  to  $10$ ,  $R_{58}$  is a methacrylate moiety; each  $R_{59}$  is methyl;  $R_{60}$  is a butyl group, and  $R_{61}$  is methyl.

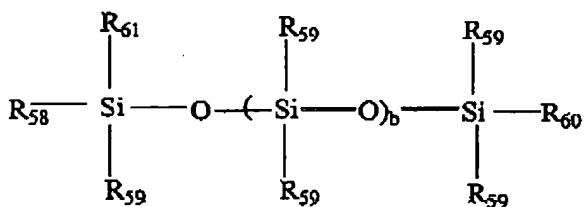
21. (Currently amended). The method of claim 18, wherein the mono-alkyl terminated polydimethylsiloxane polydiorganosiloxane is a monomethacryloxypropyl terminated polydimethylsiloxane.

22. (Cancelled).

23. (Previously presented). The method of claim 18, having a Young's modulus of about 40 – 130 psi.

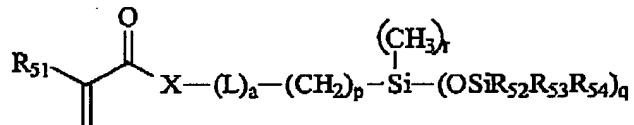
Claims 24-74 (Cancelled).

75. (Currently amended). A method of lowering the Young's modulus of a silicone hydrogel to between about 20 and about 180 psi and tan  $\delta$  of a silicone hydrogel to less than about 0.1 to no more than about 0.3, measured at a frequency of 1 Hz and a temperature of 25°C, said method comprising the step of incorporating in said hydrogel, a mono-alkyl terminated polydimethylsiloxane polydiorganosiloxane monomer having the structure:



where  $b = 0$  to  $100$ ;  $R_{58}$  is a monovalent group containing at least one ethylenically unsaturated moiety;  $R_{59}$  is independently a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether group;  $R_{60}$  is a monovalent alkyl, or aryl group, which may be further substituted with alcohol, amine, ketone, carboxylic acid or ether groups; and  $R_{61}$  is independently alkyl or aromatic, or a monovalent siloxane chain comprising from  $1$  to  $100$  repeating Si-O units.

76. (Currently amended). The method of claim 75, wherein said silicone hydrogel additionally comprises a silicone-containing monomer other than the mono-alkyl terminated polydiorganosiloxane monomer of claim 1 and having the structure:



wherein  $R_{51}$  is H,  $C_{1-5}$ alkyl, or an ethylenically unsaturated moiety,  $q$  is 1, 2, or 3 and for each  $q$ ,  $R_{52}$ ,  $R_{53}$  and  $R_{54}$  is independently an alkyl group, an aromatic group or a mono- $Si$ valent siloxane chain comprising from 1 to 100 repeating  $Si$ -O units,  $p$  is 1 to 10,  $r = (3-q)$ ,  $X$  is O or  $NR_{55}$ , where  $R_{55}$  is H or a mono- $Si$ valent alkyl group with 1 to 4 carbons,  $a$  is 0 or 1, and  $L$  is a divalent linking group.

77. (original). The method of claim 75, wherein said silicone hydrogel additionally comprises 3-methacryloxypropyltris(trimethylsiloxy) silane.

78. (original). The method of claim 76, wherein each of R<sub>52</sub>, R<sub>53</sub>, and R<sub>54</sub> is independently ethyl, methyl, benzyl or phenyl.

79. (original). The method of claim 75 wherein Young's modulus is lowered to less than about 100 psi and tan δ of equal to or less than about 0.25 at a frequency of 1 Hz at 25°C.

80. (original). The method of claim 75 wherein Young's modulus is lowered to less than about 80 psi and tan δ of equal to or less than about 0.25 at a frequency of 1 Hz at 25°C.